



Material Content Data Sheet



Sales Product Name		BCR 450 E6327		Issued		27. September 2017		
MA#		MA001382776						
Package		PG-SC74-6-4		Weight*		13.05 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.010	0.08		759	
	noble metal	gold	7440-57-5	0.038	0.29		2945	
	inorganic material	silicon	7440-21-3	0.469	3.59	3.96	35945	39649
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		85	
	non noble metal	titanium	7440-32-6	0.006	0.04		427	
	non noble metal	chromium	7440-47-3	0.017	0.13		1281	
	non noble metal	copper	7440-50-8	5.548	42.53	42.71	425205	426998
wire	noble metal	gold	7440-57-5	0.039	0.30	0.30	2959	2959
encapsulation	organic material	carbon black	1333-86-4	0.052	0.40		3959	
	plastics	brominated resin	-	0.065	0.49		4949	
	inorganic material	antimonytrioxide	1309-64-4	0.129	0.99		9897	
	plastics	epoxy resin	-	1.369	10.49		104911	
	inorganic material	silicondioxide	60676-86-0	4.843	37.11	49.48	371148	494864
leadfinish	non noble metal	tin	7440-31-5	0.303	2.32	2.32	23236	23236
plating	noble metal	silver	7440-22-4	0.160	1.23	1.23	12294	12294
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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